

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 200701/1230	SERIAL NO. <i>10/813 866</i> Continuation of 10/427,145
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Schultz et al.	
(use several sheets if necessary) (PTO-1449)		FILING DATE Herewith	GROUP ART UNIT To Be Assigned <i>2881</i>

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	4	4,590,482	05/20/1986	Hay et al.			
	5	5,501,883	03/26/1996	Ishikawa et al.			
	6	5,563,639	10/08/1996	Cameron et al.			
/NW/	7	5,423,964	06/13/1995	Smith et al.			

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/NW/	8	EP 259,796 B1		Europe			
/NW/	9	EP 565,027 B1		Europe			
/NW/	10	EP 588,952 B1		Europe			

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/NW/		11	Knox, "Theoretical Aspects of LC with Packed and Open Small-Bore Columns," <i>Journal of Chromatographic Science</i> 18:453-461 (1980)				
		12	Alexander et al., "Development of a Nano-electrospray Mass Spectrometry Source for Nanoscale Liquid Chromatography and Sheathless Capillary Electrophoresis," <i>Rapid Communications in Mass Spectrometry</i> 12:1187-1191 (1998)				
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/NW/		14	Yamashita et al., "Electrospray Ion Source. Another Variation on the Free-Jet Theme," <i>The Journal of Physical Chemistry</i> 88(20):4451-4459 (1984)				
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	17	5,608,217	03/04/1997	Franzen et al.			
	18	4,842,701	06/27/1989	Smith et al.			
	19	5,162,650	11/10/1992	Bier et al.			
	20	5,182,366	01/26/1993	Heubner et al.			
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/NW/	22	5,501,893	03/26/1996	Laermert et al.			

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		27	Jacobson et al., "Open Channel Electrochromatography on a Microchip," <u>Anal. Chem.</u> , 66:2369-2373 (1994)
		28	Kutter et al., "Integrated Microchip Device with Electrokinetically Controlled Solvent Mixing for Isocratic and Gradient Elution in Micellar Electrokinetic Chromatography," <u>Anal. Chem.</u> , 69:5165-5171 (1997)
		29	He et al., "Fabrication of Nanocolumns for Liquid Chromatography," <u>Anal. Chem.</u> , 70:3790-3797 (1998)
/NW/		30	Wilm et al., "Electrospray and Taylor-Cone Theory, Dole's Beam of Macromolecules at Last?" <u>International Journal of Mass Spectrometry and Ion Processes</u> 136:167-180 (1994)

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	32	5,541,408	07/30/1996	Sittler			
	33	5,640,010	06/17/1997	Twerenbold			
	34	5,641,400	06/24/1997	Kaltenbach et al.			
	35	5,644,131	07/01/1997	Hansen			
	36	5,705,813	01/06/1998	Apffel et al.			
/NW/	37	5,716,825	02/10/1998	Hancock et al.			

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		42	Ramsey et al., "Generating Electrospray from Microchip Devices Using Electroosmotic Pumping," <u>Anal. Chem.</u> 69:1174-1178 (1997)
		43	Xue et al., "Multichannel Microchip Electrospray Mass Spectrometry," <u>Anal. Chem.</u> 69:426-430 (1997)
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	48	5,872,010	02/16/1999	Karger et al.			
	49	5,917,184	06/24/1999	Carson et al.			
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	51	5,972,187	10/26/1999	Parce et al.			
/NW/	52	5,993,633	11/30/1999	Smith et al.			

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		58	Wilm et al., "Analytical Properties of the Nanoelectrospray Ion Source," <u>Anal. Chem.</u> , 68:1-8 (1996)				
			Electrospray Ionization Mass Spectrometry: Fundamentals, Instrumentation, and Applications, ed. R.B. Cole, ISBN 0-471-14564-5, New York, New York:John Wiley & Sons, Inc., pp. 3-63 (1997)				
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	63	6,110,343	8/29/2000	Ramsey et al.			
	64	5,750,988	05/12/1998	Apffel et al.			
	65	6,032,876	03/07/2000	Bertsch et al.			
	66	6,066,848	05/23/2000	Kassel et al.			
/NW/	67	4,056,324	11/01/1977	Göhde			

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/NW/	69	DE 43 18 407 A1	06/03/1993	Germany			abstract
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		72	Beavis et al., "Off-Line Coupling of a Microbore High-Performance Liquid Chromatograph to a Secondary Ion Time-of-Flight Mass Spectrometer," <i>Anal. Chem.</i> , 62:1259-1264 (1990)				
	73	Burggraf et al., "Synchronized Cyclic Capillary Electrophoresis - A Novel Approach to Ion Separations in Solution," <i>J. High Resol. Chromatogr.</i> , 16:594-596 (1993)					
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THIRD SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Schultz et al.	
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	79	4,459,267	07/10/1984	Bunce et al.			
	80	4,593,728	06/10/1986	Whitehead et al.			
	81	4,708,782	11/24/1987	Andresen et al.			
/NW/	82	4,879,097	11/07/1989	Whitehead et al.			

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/NW/	83	WO 93/22055	11/11/1993	PCT			
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/NW/	91	4,891,120	01/02/1990	Sethi et al.			
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	93	4,983,038	01/08/1991	Ohki et al.			
	94	4,999,493	03/12/1991	Allen et al.			
	95	5,015,845	05/14/1991	Allen et al.			
	96	5,110,745	05/05/1992	Kricka et al.			
/NW/	97	5,126,022	06/30/1992	Soane et al.			

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	109	5,269,900	12/14/1993	Jorgenson et al.			
	110	5,283,036	02/01/1994	Hofmann et al.			
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	124	5,328,578	07/12/1994	Gordon			
	125	5,331,159	07/19/1994	Apffel, Jr. et al.			
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	138	5,401,963	03/28/1995	Sittler			
	139	5,415,841	05/16/1995	Dovichi et al.			
/NW/	140	5,421,980	06/06/1995	Guttmann			

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/NW/	152	5,572,023	11/05/1996	Caprioli			

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		154	Manz et al., "Micromachining of Monocrystalline Silicon and Glass for Chemical Analysis Systems," <u>Trends in Anal. Chem.</u> , 10(5):144-149 (1991)						
		155	Manz et al., "Planar Chips Technology for Miniaturization and Integration of Separation Techniques Into Monitoring Systems," <u>J. Chromatogr.</u> , 593:253-258 (1992)						
		156	Manz et al., "Planar Chips Technology for Miniaturization of Separation Systems: A Developing Perspective in Chemical Monitoring," <u>Advances in Chromatography</u> , pp. 1-66 (1993)						
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	161	6,060,705	05/09/2000	Whitehouse et al.			
	162	6,114,693	09/05/2000	Hirabayashi et al.			
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	166	Manz et al., "Planar Chip Technology for Capillary Electrophoresis," <u>Fresenius J. Anal. Chem.</u> , 348:567-571 (1994)
	167	Moore et al., "Microchip Separations of Neutral Species Via Micellar Electrokinetic Capillary Chromatography," <u>Anal. Chem.</u> , 67:4184-4189 (1995)
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	172	3,921,916	11/25/1975	Bassous			
	173	4,007,464	02/08/1977	Bassous et al.			
	174	4,209,696	06/24/1980	Fite			
	175	4,437,103	03/13/1984	Ikeda			
/NW/	176	4,733,823	03/29/1988	Waggener et al.			

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	179	Petersen, "Biomedical Applications of MEMS," <i>IEEE</i> , pp. 239-242 (1996)				
	180	Raymond et al., "Continuous Sample Pretreatment Using a Free-Flow Electrophoresis Device Integrated Onto a Silicon Chip," <i>Anal. Chem.</i> , 66:2858-2865 (1994)				
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	185	6,245,227	06/12/2001	Moon et al.			
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		190	Seiler et al., "Planar Glass Chips for Capillary Electrophoresis: Repetitive Sample Injection, Quantitation, and Separation Efficiency," <i>Anal. Chem.</i> , 65:1481-1488 (1993)						
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	197	US 2002/0158027	10/31/2002	Moon et al.			
	198	3,669,881	06/13/1972	Cremer et al.			
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		214	Smith et al., "New Developments in Microscale Separations and Mass Spectrometry for Biomonitoring: Capillary Electrophoresis and Electrospray Ionization Mass Spectrometry," <i>J. Toxicol. and Environ. Health</i> , 40:147-158 (1993)				
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/NW/		216	Angell et al., "Silicon Micromechanical Devices," <i>Scientific American</i> , 248(4):44-55 (1983)				
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	228	5,876,957	03/02/1999	Douglas et al.			
	229	5,917,185	06/29/1999	Yeung et al.			
	230	5,969,351	10/19/1999	Nabeshima et al.			
	231	6,007,775	12/28/1999	Yager			
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	236	US 2002/0172618	11/21/2002	Moon et al.			
	237	US 2002/0172619	11/21/2002	Moon et al.			
	238	6,462,337	10/08/2002	Li et al.			
	239	6,596,988	07/22/2003	Corso et al.			
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